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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/553,689

Applicant (s)

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Filed

Stephanie M. Whited, et al.

TC/A.U.

April 7, 2004

Examiner

unknown unknown

Docket No. Customer No.

63126A 35503

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DATE OF SIGNATURE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to Applicant's duty of disclosure under 37 CFR §1.56, the Examiner's attention is directed to the information identified in the attached Form PTO/SB/08a.

The cited U.S. patents and patent application publications are listed on Form PTO/SB/08a. The Examiner is requested to review each reference and formulate his/her own understanding thereof.

Respectfully submitted,

Douglas N. Deline

Registration No. 29,146

Phone: 989-636-2938

P. O. Box 1967 Midland, MI 48641-1967

DND/mlv

document, by the two-letter code (WIPO Standard ST.3). ⁴Form Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known			
Application Number	10/553,689		
Filing Date	April 7, 2004		
First Named Inventor	Whited et al.		
Art Unit	Not Assigned		
Examiner Name	Not Assigned		
Attorney Docket Number	63126A		

Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant
Initials*	No. ¹	Number-Kind Code ² (if known)	(MM-DD-YYYY)	Cited Document	Passages or Relevant Figures Appear
		US-4,302,565	11-24-1981	Goeke et al.	
		US-4,330,649	05-18-1982	Kioka et al.	
		US-4,442,276	04-10-1984	Kashiwa et al.	
		US-4,460,701	07-17-1984	Terano et al.	
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		US-4,508,842	04-02-1985	Beran et al.	
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		US-4,816,433	03-28-1989	Terano et al.	
		US-4,829,037	05-09-1989	Terano et al.	
		US-4,927,797	05-22-1990	Ewen	
		US-4,990,479	02-05-1991	Ishimaru et al.	
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		US-5,077,357	12-31-1991	Job	
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		US-5,106,806	04-21-1992	Job	
		US-5,122,494	06-16-1992	Job	
		US-5,124,298	06-23-1992	Job	
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		US-5,151,399	09-29-1992	Job	
		US-5,153,158	10-06-1992	Kioka et al.	
		US-5,229,342	07-20-1993	Job	
		US-5,247,031	09-21-1993	Kioka et al.	
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		US-6,248,831	06-19-2001	Maheshwari et al.	
		US-6,511,935	01-28-2003	Job	

Examiner	Date	
	50.0	
Signature	Considered	
	1 00110100100	

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Sheet 2 of 3

Complete if Known			
Application Number	10/553,689		
Filing Date	April 7, 2004		
First Names Inventor	Whited et al.		
Art Unit	Not Assigned		
Examiner Name	Not Assigned		
Attorney Docket Number	63126A		

Examiner	Cite	Document Number	Publication	Name of Patentee or Applicant	Pages, Columns, Lines, Where	T
Initials*	No. ¹	Country Code ³ - Number-Kind Code ⁵ (<i>it known</i>)	Date (MM-DD- YYYY)	of Cited Document	Relevant Passages or Relevant Figures Appear	
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INFORMATION DISCLOSURE STATEMENT			URE STATEMENT	Application Number	10/553,689		
				Filing Date	April 7, 2004		
BY APPLICANT		First Named Inventor	lamed Inventor Whited et al.				
	(L	lse as many sheets a	s necessary) ·	Art Unit Not Assigned			
				Examiner Name	Not Assigned		
Sheet 3		63126A	3	Attorney Docket Number	63126A		
			NON PATENT L	ITERATURE DOCUMEN	TS		
Examiner	Cite	Include name of	the author (in CAPITAL LETTE	RS), title of the article (when ap	propriate), title of the item (book, magazine,	⊤ 6	
Initials*	No. ¹	journal, serial, sym	posium, catalog, etc.), date, pa	ge(s), volume-issue number(s),	publisher, city and/or country where published.		

initiais	No. 1	journal, senal, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	

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Examiner	Date	
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